

Classic Series

C6 III · 375-395W
MWT Mono PERC Half-Cut Module

21.0%

Module efficiency up to 21.0%

Features



High Efficiency

MWT back contact cell and modules with busbar-free design and higher efficiency



Superior Warranty

MWT single-glass module with 30-year power warranty by LLOYD'S&PICC worldwide



High ROI

Higher return on investment with higher power output



High Reliability

Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition



Aesthetic Design

Busbar-free design, unique and graceful finger pattern on the solar cell surface, customized pattern design also available



Lead Free

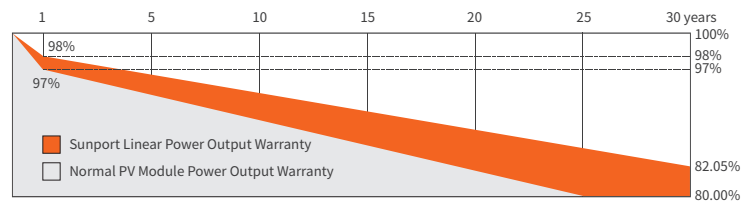
Eco-friendly PV design achieves Lead-free without soldering materials

Reinsurance Coverage for 30 Years



Insured by PICC and LLOYD'S

PICC LLOYD'S



※1st year degradation less than 2%, 30 years linear power output 82% guaranteed.

Comprehensive Qualifications & Certifications

- ★CQC Top Runner Advanced Technology Certification (4A class)
- ★ISO 9001:2015 Quality Management System
- ★ISO 45001: 2018 Occupation Health Safety Management System

- ★TUV NORD Certification
- ★ISO 14001:2015 Environment Management System



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Electrical Characteristics at Standard Test Conditions(STC)

| Spec/Model | Unit | SPP375NHFH | SPP380NHFH | SPP385NHFH | SPP390NHFH | SPP395NHFH |
|---|------|------------|------------|------------|------------|------------|
| Max-Power(Pm) | W | 375 | 380 | 385 | 390 | 395 |
| Power Tolerance | W | | | 0~+5 | | |
| Max-Power Voltage(Vm) | V | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 |
| Max-Power Current(I _m) | A | 10.34 | 10.44 | 10.55 | 10.66 | 10.77 |
| Open-Circuit Voltage(Voc) | V | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 |
| Short-Circuit Current(I _{sc}) | A | 10.70 | 10.78 | 10.85 | 10.92 | 10.99 |
| Module Efficiency(η _m) | % | 19.9 | 20.2 | 20.4 | 20.7 | 21.0 |

STC: AM=1.5, Irradiation 1000W/m², Module Temperature 25°C

Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

| Spec/Model | Unit | SPP375NHFH | SPP380NHFH | SPP385NHFH | SPP390NHFH | SPP395NHFH |
|---|------|------------|------------|------------|------------|------------|
| Max-Power(Pm) | W | 282 | 286 | 290 | 294 | 298 |
| Max-Power Voltage(Vm) | V | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 |
| Max-Power Current(I _m) | A | 8.21 | 8.29 | 8.39 | 8.48 | 8.57 |
| Open-Circuit Voltage(Voc) | V | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 |
| Short-Circuit Current(I _{sc}) | A | 8.64 | 8.73 | 8.82 | 8.92 | 9.01 |

NMOT: Irradiation 800W/m², Ambient temperature 20°C, Wind Speed 1m/s

Temperature Coefficient

| | |
|---|-----------|
| Nominal Module Operating Temperature | 43±2°C |
| Temperature coefficient of P _{max} | -0.36%/°C |
| Temperature coefficient of Voc | -0.28%/°C |
| Temperature coefficient of I _{sc} | 0.06%/°C |

Package

| Transportation | Container Size | Quantity(pcs) | Quantity(per pallet) |
|----------------|----------------|---------------|----------------------|
| Container | 40'HQ | 864 / 912 | 36 |

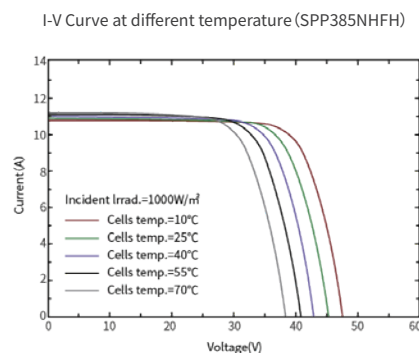
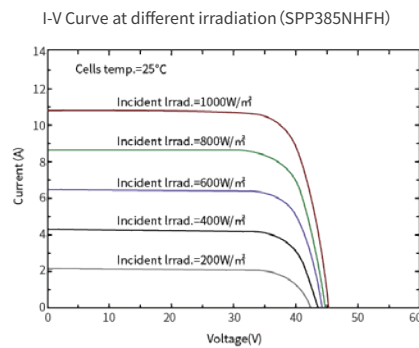
Mechanical Characteristics

| | |
|------------------|---|
| Dimension(L×W×H) | 1855mmx1015mmx30mm |
| Weight | 20.5kg |
| Glass Type | High Transmittance Anti-reflective Coated Tempered Glass /3.2mm |
| Solar Cell | 132(22x6) / Mono / 162.75mm(Half-cell) |
| Encapsulant | EVA |
| Frame | Anodized Aluminum Alloy / Silver |
| Junction Box | IP68 |
| Cable | 4mm ² , 350mm (+) / 150mm (-)or Customized Length |
| Connector | MC4 Compatible |

Operating Conditions

| | |
|-----------------------------|---|
| Max System Voltage | 1500V(TUV) |
| Max Fuse Rated Current | 15A |
| Operating Temperature Range | -40°C~+85°C |
| Mechanical Load | 5400Pa (front) /2400Pa (rear) |
| Max Allowable Hail Load | φ25mm hail, from 1m of distance at 23 m/s |
| Application Class | Class A |

I-V Curve



Module Size

